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An isotope dilution model for partitioning of phenylalanine and tyrosine uptake by the liver of lactating dairy cows

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Highlights

- We develop a model to resolve trans-liver and isotope data on PHE and TYR.
- It progresses earlier work in J Theor Biol on tracer LEU across the liver.
- The model was effective in providing information on the partition of PHE and TYR.
- It could be a useful component of a system for describing whole-animal AA metabolism.

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